

1. Feature

- ▶ High Performance
- ▶ High Reliability
- ▶ RoHS Compliant

Power Divider

Part No: CPD00800M02500N16

Date: Feb.1th.2018

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	800-2500MHz	
Insertion loss	$\leq 1.5\text{dB}$	
VSWR	≤ 1.40	
Amplitude Balance	$\leq \pm 0.5\text{dB}$	
Phase Balance	$\leq \pm 5\text{degree}$	
Isolation	$\geq 22\text{dB}$	
Average Power	30W (Forward) 2W (Reverse)	
Impedance	50 Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	195.0x140.0x18.0mm	
Connector Type	N-female	
Surface Finish	本导喷砂	

4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-40 to +80 °C	
Storage Temperature	-45 to +85 °C	

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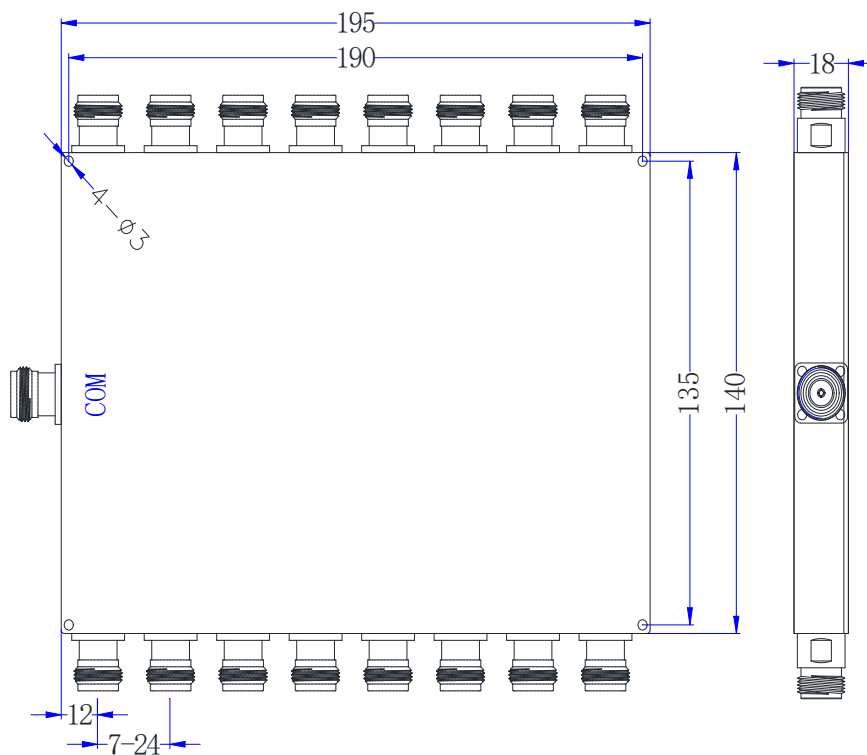
<http://www.concept-mw.com>

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5. Outline Drawing ($\pm 0.3\text{mm}$)



CONCEPT

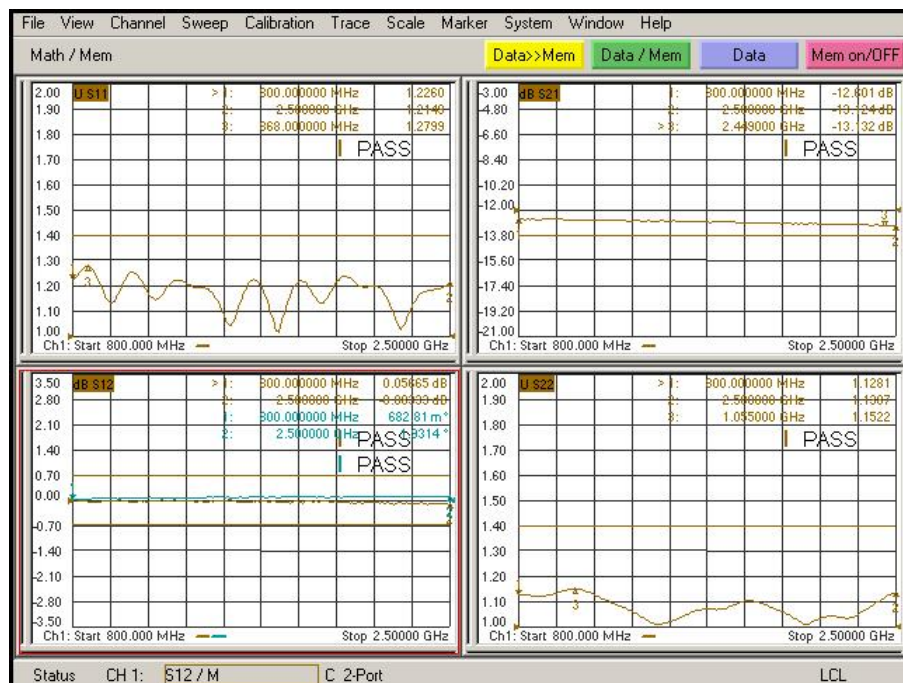


6. Test Curve



CONCEPT

VSWR , I.L , Amplitude , Phase Balance



Isolation

